

Studies on the Radioactive Decay of Th^{231} , by
S. A. Baranov, R. M. Polevoi, Yu. T. Rodionov,
G. V. Shishkin, V. M. Shubko, 21 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Vol ~~XXX~~ XXIV,
1960, pp 261-271.

AEC UCRL-Trans-645

150,892

Energy Levels of Dy^{161} , by S. A. Baranov, Yu. F. Rodionov, G. V. Shishkin, L. V. Chistiakov, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXVII, No 6, 1958, pp 1367-1380.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 6

Sci - Phys
Jan 59

78,717

Investigating the Classification of Ground
Grog in an Air Current, by K. N. Shiskin,
N. G. Pakhmura, 5 pp.

⁹
RUSSIAN, per, Ogneupory, No 2-10, 1963,
pp 418-421.

CB

Sci
May 64

259 232

Absorption of Carbon Dioxide by Potash Solution
in a Foam Bubble, by I. G. Plit, K. N. Shishkin,
6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 9,
Sep 1956, pp 1323-1329.

Consultants Bureau

Sci - Chemistry
Sep 57

52,596

Symmetrical Surface Waves in a Helix Waveguide
with a Ferrite Medium, B. M. Bulgakov, V. P.
Shestopalov, L. A. Shishkin, 18 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V. No 11,
1960, pp 1818-1827.

PP

172,824

Sci

Oct 61

Unidirectional Propagation of Waves in a Helical
Waveguide placed in a Ferrite Medium, by B. M.
Bulgakov, V. P. Shestopalov, L. A. Shishkin,
I. P. Yakimenko, 10 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol VI No 1,
1961, pp 81-91.

AIEE

170, 289

Sci

Oct 61

Slow Waves in a Spiral Waveguide With a Plasma,
by B. M. Bulgakov, V. P. Shestopalov, L. A.
Shishkin, 11 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXI, No 7,
1960, pp 840-850.

AIP
Sov Phys-Tech Phys
Vol V, No 7

142,439

Sci

Mar 61

Slow Electromagnetic Waves in Helix Wave-
guides with a Gyrotropic Medium, by V. P.
Shestopalov, L. A. Shishkin, 4 p.

RUSSIAN, par, Zhur Tekh Fiz, Vol XXIX, No 10,
1959, pp 1285-1288.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 10, 1960

Sci
May 60

116,143

Effect of Magnetization Fluctuations on Thermnoise
of a Parametric Ferrite Amplifier of the Electro-
Magnetic Type, by N. A. Savchenko, L. A. ~~MEKHA~~ Shabkin
8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MW1890 888R
po Razdelu Radiotekhnika, Vol V, No 4, 1962,
pp 454-458.

JPRS 17580

Sci - Elec

May 63

229,025

On the Theory of the Thermal Conductivity and
Absorption of Sound in Ferromagnetic Dielectrics, by A. I.
Akhiezer, L. A. Shishkin, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1267-1271.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

Sci - Phys
Dec 58

77,533

Present Day Missiles, by M. Shishkin, 5 pp.

RUSSIAN, np, Sovetskiy Flot, 3 Mar 1956,
Encl to IR-1306-56, AFOIN-1A1, 25 Apr 1956.
CIA D 470178

AF 740513

35,825

USSR

Military - Uses of missiles, guided missiles,

Jun 1956

ECONOMIC EFFECTS OF THE 1960-1961
IN RUSSIA, BY H. HENRI, 1961.

RUSSIAN, FOR THE 1960-1961 PERIOD. ANALYSIS
MAY 1961, NO. 12, 1961, PP. 12-13.

JUN 1961

WIKI
ECON
MAY 61

1961, 12

(DC-4700)

Redistribution and Permanency of Cadres in the
Newly Developed Regions of the USSR, by I.
Korzhinkin, I. Matrozoza, N. Shishkin, 16 pp.

RUSSIAN, per, Sotsialisticheskii Trud, No 6,
1961, pp 21-27.

JPRS 10364

173,893

USSR
Econ
Nov 61

Main Points From the Theory of
the Inflammation and Explosion of
Gas Mixtures, by N. F. Shishkin
and G. V. Mindell.

RUSSIAN, bk, Electrical Safety in
Mines and Explosive Atmospheres,
Chapter 2, pp 22-42.

NLL 8313.4 1964 (14996) (On Loan)

USSR
Sci-Fuels and Prop
July 1965

N.F. Shishkin

284,597

Literature References, by N. F.
Shishkin and G. V. Mindell.
RUSSIAN, bk. Electrical Safety
in Mines and Explosive Atmos-
pheres, 1960, pp 492-495.
NLL 8313.4 1964 (5000) (On Loan)

N. F. Shishkin

Aug 65

284,632

Principles for Reliable and Safe
Power Supply in Mines and Undertakings
with Gas and Dust Hazards, by N. P.
Shishkin and G. V. Mindeli.
RUSSIAN, bk, Electrical Safety In
Mines and Explosive Atmospheres,
Chapter I, pp 7-21.
NLL 8313.4 1964 (4804) (On Loan)

N. F. Shishkin

Aug 65

284,633

**Intrinsically Safe Electrical Systems
and Processes of Ignition of Gaseous
Mixtures, by N. F. Shishkin and G. V.
Mindell.**

**RUSSIAN, bk, Electrical Safety in
Mines and Explosive Atmospheres,
Chapter 3, pp 43-85.**

NLL 8313.4 1964 (4997) (on loan)

N.F. Shishkin

Aug 65

284,634

**Effect of Type of Neutral on Electrical
Safety, by N. F. Shishkin and G. V.
Mindell,**

**RUSSIAN, bk. Electrical Safety in Mines
and Explosive Atmospheres, Chapter 7,
pp 200-221.**

NLL 8313.4 1964 (4998) (On Loan)

N. F. Shishkin

Aug 65

284,645

Compensation for Capacitive Currents
in Low-voltage Cable Networks, by
N. F. Shishkin and G. V. Mindeli.
RUSSIAN, bk, Electrical Safety in Mines
and Explosive Atmospheres, Chapter 8,
pp 222-279.
NLL 8313.4 1964 (4999) (On Loan)

N. F. Shishkin

Aug 65

284,636

Shishkin, N. F. and Mindell, G. V. FAST-ACTING PROTECTION AGAINST LEAKAGE CURRENTS AND THE COMPENSATION OF CAPACI- TIVE CURRENTS IN LOW-VOLTAGE NETWORKS (Bystrodeistvuyushaya Zashchita ot Tokov Utechki i Kompenzatsiya Emkostnykh Tokov s Nizkovol'tnykh Setyakh). Sep 61 [12]p. 2 refs. RTS 1909. Order from OTS or SLA \$1.60 Trans. of Ugol' Ukrainy (USSR) 1960 [v. 4] no. 10, p. 35-39. DESCRIPTORS: *Electrical networks, *Electric currents, Electroshock, Countermeasures, *Electric insulation, Safety (Engineering--Electrical, TT, v. 7, no. 3)	61-28030 I. Shishkin, N. F. II. Mindell, G. V. III. RTS-1909 IV. Department of Scientific and Industrial Research (Gr. Brit.) 187435 Office of Technical Services
--	---

A Combined Method of Disconnecting
Power Electric Circuits, by N. F. Shishkin,
P. Ya. Danilin.

RUSSIAN, per, Elektrichestvo, Vol VII,
No 7, 1960, pp 47-50.

MLL N.3301

Sci - Electricity

Feb 62

186,592

(DC-6778)

ECONOMIC STUDY OF THE KOMI AUTONOMOUS REPUBLIC,
BY N. I. SHENKIN, 67 PP.

RUSSIAN, EK, KOMI ASSR, 1959, CHAPTER 3,
PP 26, 158-200.

JPRS 13978

USSR
ECON
JUN 1962

197,416

(SF-2206)

LABOR RESOURCES OF THE USSR, BY N. I. SHISHKIN,
290 PP.

RUSSIAN, EN, TRUDOVYYE RESURSY SSR, 1961,
PP 3-246.

JPRS 13945

USSR
ECON
JUN 62

197,468

The Vitrification of Liquids and Polymers Under Pressure, 5. The Formation of Condensing Glasses, by N. I. Shishkin, 7 pp.

RUSSIAN, per, Fiz & Tverdogo Tela, Vol II, No 2, 1960, pp 350-357.

AIP
Sov Phys-Solid State

Sci

Feb 61

138, 537

~~SECRET~~

The Vitrification of Liquids and Polymers under Pressure. 6. The Dependence of the Volume of the Condensed Glasses upon Temperature, by N. I. Shishkin, O. F. Kovalichev, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. IX, No 2, 1960, pp 358-360.

AIP
Sov Phys-Solid State

Sci

138,539

Double Refraction of Light and Stretching of
Polymethylmethacrylate, by N. I. Shishkin and
M. F. Milagin, pp 6.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 10,
1962, pp 2681-2688.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 10

Sci

340,580

Jun 63

Dshulukulite - A New Cobalt Mineral, by N. N.
Shishkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 724-

CB

Sci
Nov 59

101,031

Oxidation of Cobalt, Nickel, and iron arsenides
and Sulfarsenides, and of some mixtures of these
minerals, by N. N. Shishkin, V. A. Mikhailova, et al,
9 pp.

RUSSIAN, per, Geokhimiya, No 10, 1963.

Scripta Technica

Sci
Jun 64

262,275

On a Nickel-Bearing Variety of Cobaltite, by
N. N. Shishkin, 2 pp.

RUSSIAN, ~~For~~, Dok Ak Nauk SSSR, Vol CXIV,
No 2, May-Jun 1957, p 414.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 381

35
Some Problems in the Theory of the Formation
of Clouds and Precipitation, by N. S. Shishkin.
RUSSIAN, per. Izvy Vsesoyuznogo Nauchnogo Meteoro-
Soveshchaniia. Vol 5, 1963. pp 3-9.
Tr No 18, Sept 1968
AIR/AFGRL/68-0462

N. S. SHISHKIN

Sci-Atrac
Jan 69

371,924

NLL Ref. 9021.7 (18)

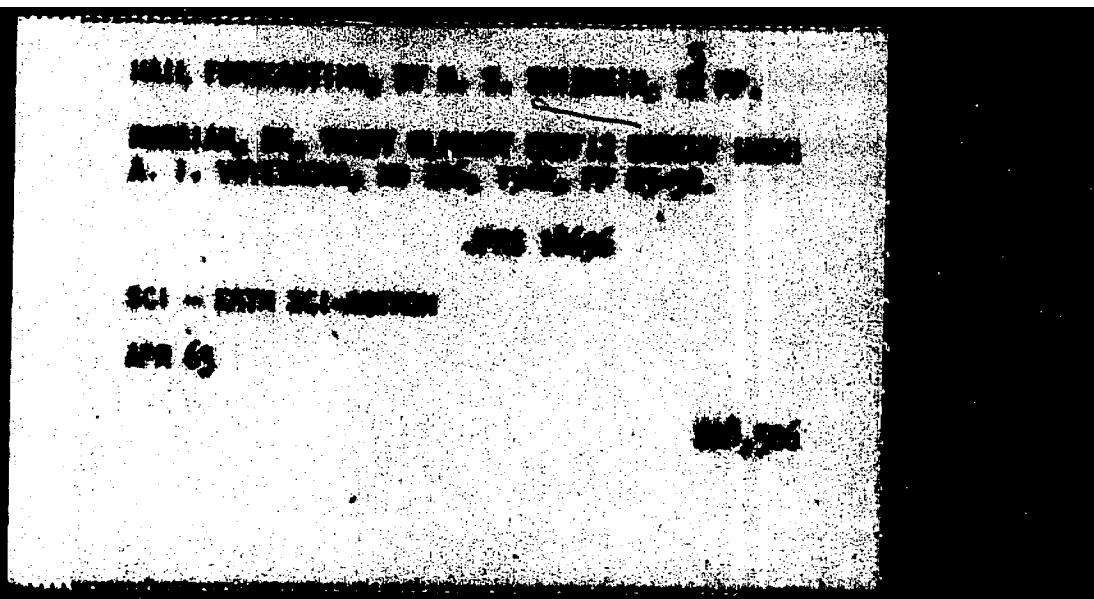
The Mechanism of Formation of Thunderstorm Phenomena,
by N. S. Shishkin, 12 pp.

RUSSIAN, per, Trudy Glavnoy Geofizicheskoy Observatorii,
No 145, 1963, pp 23-29.

JPRS 27554

Sci - Earth Sci/Astron
Jan 65

272,143



The Role of Coagulation in the Origin of
Lightning Discharges. I., by Ya. I. Frenkel,
N. S. Shishkin, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol X,
No 4, 1946.

SLA 59-15564

Sci
Dec 59
Vol 2, No 4

103,093

Calculating the Rate of Vertical Development
of Convective Clouds, by N. S. Shishlin, 16 pp.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ,
No 104, 1960, pp 3-18. 9672000

FID MCL-1340/1

Sci - Phys

176,125

14 Dec 61

Shishkin, N. S.
CALCULATION OF THE VERTICAL GROWTH RATE
OF CONVECTIVE CLOUDS. [1961] 11p.
Order from ATS \$15.00

ATS-37N52R

Trans. of Glavnaya Geofiz[icheskaya] Observatoriya
[Leningrad]. Trudy (USSR) 1960, no. 104 [166]p. 3-13.

DESCRIPTORS: *Clouds, Growth, Determination.

(Earth Sciences--Meteorology, TT-6, No. 6)

61-25053

I. Shishkin, N. S.
II. ATS-37N52R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Some Results of Research on Thunderclouds and
~~219~~ Cloudbursts, by N. S. Shishkin 36 pp.
UNCLASSIFIED

RUSSIAN, irreg per, Trudy Glavnoy Geofizicheskoy
Observatorii imeni A. AI. Voyeykova, No 63 (125).
Leningrad, 1956 pp 3-21.

US JPRS/DC-L-353

Sci - Geophysics
Jun 58

64,382

¹
The Growth and Decay of Convective Clouds with
Unstable Stratification of the Atmosphere, by
N. S. Sushkin.

RUSSIAN, per, Trudy Glavnoi Geofiz Observ, No 82,
1958, pp 3-21.

Amer Meteorol Soc

Sci - Geophys

Sec 59

103,748

8-4233

(NY-1559)

Using the Layer Method for Forecasting the Vertical
Force of Convection Clouds, by N. S. Shishkin, 13 pp.

RUSSIAN, irreg per, Trudy Glavnoy Geofizicheskaya Ob-
servatorii, No 54, 1955, pp 96-103.

~~RUSSIAN, irreg per, Trudy Glavnoy Geofizicheskaya Ob-
servatorii, No 54, 1955, pp 96-103.~~

US JPRS/NY-L-167

Sci - Geophysics

SUA 60-17476

66,853

Study of Summer Precipitations and the Storm
Electricity Formation Processes, by E. S.
Shishkin, 41 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol XLV, No 3,
Nov 1951, pp 313-356.

CIA/FDD X-2932

SLA 59-15010

Sci - Geophysics
Jul 58

68,978

Dimensions of Rain Drops, by N. S. Shishkin, 6 pp.
UNCLASSIFIED

9030727

RUSSIAN, mo per Priroda No 10 Oct 1954, pp 90-92.

US JPRS/NY-L-157

Sci - Geophysics
Jun 58

64,675

The Dimensions of Raindrops, by N. S. Shishkin,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XC, No 2,
1953, pp 171-174.

Assoc Tech Serv

Sci - Geophys

Jul 58

67,169

The Role of Coagulation of Water Drops and
the Origin of Lightning Discharges, II, by
N. S. Shishkin, 4 pp.

RUSSIAN, bimo per, Is Ak Nauk Geograf I Geofiz,
Vol X, No 4, Apr 1946.

CIA/FDD/X-1462
L/O RT-203

Scientific - ~~Physics~~ - Lightning
Geophysics

13, 712

9

Investigation of Clouds Yielding Precipitation
in the Form of Snow, by N. S. Shishkin.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ,
(No 57, Vol CXIX, 1956, pp 111-112. CIA 9031290)

Assoc Tech Serv

Sci - Geophysics
Aug 58

70,091

Effect of Size Distribution of Cloud Particles
on the Size of Rain Drops, by N. S. Shishkin.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ, No
54, 1955, pp 78-80. *CIA 90, 1691*

Assoc Tech Serv

Sci - Geophysics
Aug 58

70, 090

Some Physical Laws Governing Phase Conversions of
Hydrometeors, by N. S. Shishkin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,
1953, pp 78-82.

CIA 9030735

Assoc Tech Serv

Sci - Geophys

Jul 58

67,167

Inorganic Oxonium Compounds, by N. V. Shishkin,
N. A. Krorius, 5 pp.

RUS LAM, per, Zhur Neorgan Khim, Vol I, No 6, 1956,
pp. 1252-1256.

hnc-Tr-4587

Sci

340, 918

Apr 63

Recollections of N. V. Shishkin, 1 p.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
ZN No 3, 1956, p 937.

Consultants Bureau

#2,766

USSR

Biographic

Sci - Chemistry

Jan 57 CTS

The Oxonium Ion in the Crystal Lattices of Inorganic
Compounds, N. V. Shishkin.

The Journal of General Chemistry of the USSR,
Vol XXI, No 3, Mar 1951, pp ~~455-455~~ (Russ p 456).
CIA D 182338 456-465

Consultants Bureau
New York

ATS RJ-1163

A10935

Inorganic Oxonium Compounds, by N. V. Shishkin,
I. A. Krorius, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 6, 1956,
pp. 1252-1256.

AEC-Tr-4587

Eni

341, 048

Mar 63

On the theory of the distribution of ions between
solid phases and a liquid solution, by N. V.
Shishkin, and E. A. Korgius, 9 pp.

RUSSIAN, per, Zhur Obsch Khim, Vol 20, No (6),
1950, pp 986-997.

Sci Museum Lib No 51/2064 - London

Sci - Chemistry

A-5811

Cloud Modification, by Nikolay Sergeyevich
Shishkin, 38 pp.
USSR, M. Shishkin, Gostki i Gornovye Elektr.
chestvo, 1964, pp 284-317.
JPRS 28438

79

Sci-Ear Sci & Astron
Feb 65

273,904

Shishkin, O. P. and Grachev, B. A.
THEORY OF AN ALTERNATING CURRENT DATA
LINK WITH THE BOTTOM OF THE HOLE. [1963] 5p
Order from ATS \$6.00 ATS-16Q72R

Trans. of Izvestiya Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 6,
p. 93-96.

DESCRIPTORS: *Well drilling, Boreholes, Data,
Transmission, Alternating current, Theory.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22932

I. Shishkin, O. P.
II. Grachev, B. A.
III. ATS-16Q72R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Shishkin, O. P. and Grachev, B. A.
THE CAPABILITIES OF A DATA LINK USING THE
PIPES IN THE WELL. [1963] 5p
Order from OTS \$6.50

ATS-17Q72R

Trans. of [Izvestiya] Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5,
no. 7, p. 95-99.

DESCRIPTORS: *Well drilling, Pipes, Data,
Transmission.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22929

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. ATS-17Q72R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

00519

Office of Technical Services

Shishkin, O. P., Grachev, B. A., and Leonov, A. I.
THE POWER REQUIRED FOR THE TRANSMITTER
OF AN ELECTRICAL DATA LINK WITH THE
BOTTOM OF THE HOLE. [1963] 6p.
Order from ATS \$7.75

ATS-98Q70R

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedeni.
Nauk' i Gaz (USSR) 1963, v. 6, no. 2, p. 93-97.

DESCRIPTORS: *Well logging, Power, Communication
equipment, Borehole, Data transmission systems,
*Power supplies.

(Earth Sciences--Geology, TT, v. 10, no. 10)

65-22341

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. Leonov, A. I.
- IV. ATS-98Q70R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

125235J

Office of Technical Services

(2325-M)

Intensification of the Negro Problem in the United States, by P. Shishkin, 5 pp.

RUSSIAN, per, Mirovaya Ekonomika i Mezhdunarodnyye Otnosheniya, No 2, 1958, pp 111-113.

JPRS L-684-N

USSR

Eca - US

See

May 59

83,808

Landing in Mountains, by V. Shishkin. 7 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 11,
1960, pp 12, 13. 9670046

ATTC MEL-858/1

USSR

Mil

Jul 61

159,228

(NY-5082)

Improving the Operational Stability of
Line-Cable Communications Installations,
by B. S. Zakharov, V. A. Shishkin, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 12,
1958.

JPRS 7017

174,906

Sci
Nov 61

Investigation of Adsorption of the Unsaturated
Fluorocarbons C_2F_4 and C_3F_6 in an Electron
Emitter, by S. Z. Roginskiy, V. A. Shishkin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 3, 1960, pp 577-580.

CB

150,026

Sci

Apr 61

Shishkin, V. N., ed.
INSTRUCTIONS ON TRIANGULATION OF THE
FIRST, SECOND, THIRD AND FOURTH ORDER.
[1961] [322]p. ACIC G-5.
Order from OTS or SLA \$19.75 61-28845

Trans. of mono. Instruksiya po Triangulyatsii
1, 2, 3, i 4, Moscow, 1957, 308p.

DESCRIPTORS: *Geodesics, *Geodetic data, Instru-
mentation, Test methods, *Geodetic astronomy,
Signals, Towers, Construction, USSR, Instruction
manuale.

61-28845

I. Shishkin, V. N.
II. ACIC G-5
III. Aeronautical Chart and
Information Center,
St. Louis, Mo.

184322

Rationalization of Cartographic-Geodetic Production,
by V. N. Shishkin.

RUSSIAN, per, Sbornik-Nauchno-Tekh i Protzvod Statoy
po Geod Karto Topo Aero i Gravi, Vol XLIII, Moscow,
1949, pp 79-81.

Available ORR/Geo Div
OSU Series, A, No 70

USSR

Scientific - Geophysics

2173

ON THE INTERACTION OF IMIDO ESTERS WITH ALKYL
HALIDES, BY A. E. ARBUZOV, V. E. SHISHKIN,
4 PP.

RUSSIAN, PER, DOK AN NAUK SSSR, VOL CXLI, NO 2,
1961, PP 349-352.

CB

SCI

AUG2

205,807

Work Function of Gold Barium and Copper Barium
Systems, by Yu. G. Shishkin, I. L. Sokol'skaya,
11 pp.

RUSSIAN, per, Radiotekh i Electron, Vol V, No 8,
1960, pp 1218 1224.

FP

Sci

167, 252

Jul 61

(NY-5321)

Surgical Treatment of Constricting Pericarditis,
by V. P. Shishkin, S. I. Smelovskiy, 13 pp.

RUSSIAN, per, Vest Khirurg imeni I. I. Grekova,
Vol LXXXV, No 10, 1960, pp 47-53.

JPRS 7619

Sci - Med

Feb 61

140,293

Shishkin, V. Yu. [Navrotsky, D. I.] and others.
THE MECHANICAL PROPERTIES OF WELDED JOINTS
IN 10G2SD (MK) STEEL [Mekhanicheskie Svoystva
Svarnykh Soedinenii Stali 10G2SD(MK)]. Jan 60.
Order from MT

Trans. of Svarochnoe Proizvodstvo (USSR) 1959, no. 3,
p. 12-15.

DESCRIPTORS: *Steel, *Welded joints, Mechanical
properties.

61-22840

- I. Shishkin, V. Yu.
- II. Navrotsky, D. I.
- III. MT Trans-50
- IV. Tollemache, M. de O.
(Gr. Brit.)

(SF-1880)

Conference on the Coordination of Major Scientific
Research in Ferrous Metallurgy for 1961, by Yu. M.
Shishkin, 4 pp.

RUSSIAN, per, Stal, No 4, 1961, pp 382-383.

JPRS 4741

Sci - Min/Met

160,088

Jul 61

FRONTIER OF NEW SPAIN FOR PROTECTION BY THE
TERRITORY, BY A. C. FINE, JR., P. 2. RECEIVED
12 PP.

MEMORANDUM FOR THE PRESIDENT
JANUARY 11, 1952, PP 1-2

SECRET

REC'D - 1000
JUL 69

4,970

The Solubility of Anhydrous Metaniobates of the
Alkali Metals by the Method of Labeled Atoms, by
A. V. Lapitsky, L. N. Shishkina, N. A. Pchulkina,
B. A. Stepanov, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV, No 10,
1955, pp 1862-1865. CIA 742765-C, reel 3.

Consultants Bureau

37,478

Scientific - Chemistry
Aug 56 CTE

Investigation of the Composition of the Naphthene
Part of the Kerosene Fraction of Tuimazin (Devonian)
Petroleum, by A. V. Topchiev, L. M. Rozenberg,
M. M. Kusa¹ov, M. V. Shishk¹ina, ¹⁰9 pp.

RUSSIAN, per Iz Ak Nauk SSSR, Otel Khim Nauk,
No 9, Sep 1957, pp 1109-1119.
¹⁹⁵⁶

Sci - Chem

50,435-

Jul 57

Consultants Bureau

Infrared Radiation of the Night Sky, by M. V. Shis-
khina, 3 pp.

Full tr

RUSSIAN, per, Uspekhi Fiz Nauk, Vol XXXVIII, No 3,
pp 450-452.

APIC-P-8857/III

Scientific - Astronomy
CT5/Dex
Aug 56

37,953

On Some Alkylcyclopentylbenzenes, by E. S. Pokrovskaya,
M. V. Shishkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXV, No 6,
1959, pp 1269-1271.

Consultants Bureau

Sci

Jun 60

119,549

Electronic Absorption Spectra of Some Indian
Homologs, by M. M. Kuzakov, E. A. Prokof'yeva,
M. V. Shishkina, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 1,
1960, pp 27-35.

OSA

Sci

149,510

Apr 61

Hydroxyl-Containing Compounds in Oil Fuels From
Intermediate Distillates, by Ya. B. Chertkov,
M. V. Shishkina, pp 6.

RUSSIAN, per, Zhur Prik Khim, Vol XXV, No 11,
1962, pp 2460-2466.

CB

Sci

Oct 63

241,971

*Catalytic Conversion of Cyclohexene to Tetraalkylbenzene
and Dimethylnaphthalenic Hydrocarbons, by A. V.
Topchiev, G. M. Memedaliyev, M. V. Shishkina, G. N.
Anikina, A. N. Kisilinskiy, 5 pp.*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2,
1959, pp 341-344.

Consultants Bureau

Sci

Jun 60

119,529

Change in the Amount of Developed Silver Depending
Upon the Potential Difference and Upon the Development
Time, by N. N. Shishkina, 3 pp.

RUSSIAN, per, Star Nach i Prii Fotograf i Kinasatog,
Vol VII (1), 1962, pp 61-62.

CIA/VEB IX-1233
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Aug 62

USIS INTERNAL USE ONLY

208,856

Rate of Reduction of Silver Ions by X Developers, by
G. P. Faerman, N. M. Shishkina, 18 pp.

RUSSIAN, per, Uspekh Nauch Fotograf, Vol IV, 1955,
pp 164-176.

CIA/FDD XX-518
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Oct 58

IAC INTERNAL USE ONLY

74,054

The Dependence of the Structure of Development on the
Properties of the Reaction Layer, by H. H. Schmitt,
7 pp.

RUSKIN, per, The March 7th For Science, Vol VII,
No 4, 1961, pp 217-221.

CIA/TED IX-103
NO FOREIGN DISSEM

Sci - Chem
Mar 64
USSR Internal Use Only

211,340

Determination of Small Amounts of Silver in the
Developed Photographic Image, by N. N. Shishkina,
5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 4, 1960,
pp 431-436.

CB

164,253

Sci
Aug 61

Dependence of the Amount of Reduced Silver in a
Developed Emulsion Upon the pH Value of Developer,
by G. P. Fayerman, N. N. Skishkina, 5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinetost-
ograf, Vol 2 VII, No 1, 1962, pp 26-28 29.

CIA/PED XI-1293
NOT RELEASABLE TO FOREIGN NATIONALS

Sci
Nov 62

USIS INTERNAL USE ONLY

216,245

55
Some Results of the Investigation of Black
Sea Interstitial Water, by O. V. Shishkina.

12 pp.

RUSSIAN, per, Trudy Inst Okeanologii, Vol 54,
1962, pp 47-57.

NAV/NOO/Tran-354-69

O. V. Shishkina

Sci-Ear Sci
Dec 69

398,973

56

Chlorinity of Interstitial Water in the North
Indian Ocean, by O. V. Shishkina and A. A.
Zheleznova, 18 pp.

RUSSIAN, per, Institute Oceanology,
Vol LXIV, 1964, pp. 144-153.

Dept of Navy NCO tr 326

O. V. Shishkina

Sci/Earth Sci

Sep 67

338,146

Changes in the Salt Composition of Mud-Water
During Diagenesis, by O. V. Shishkina.

RUSSIAN, per, Trudy Okeanograf Komissii Ak Nauk
SSSR, Vol X, No 2, 1960, pp 13-20.

NLL M 5102

Sci - Earth Sci & Astron
May 63

229,562

The Problem of the Distribution of Boron in
Marine Sediments, by V. V. Krasintseva,
O. V. Shishkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,
1959, pp 815-817.

AOI

Sci

Jun 61

154,614

Interstitial Waters of the Pacific Oceans and Adjoining Seas, by O. V. Shishkina, 7 pp.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol. CXIX, No 3, 1957, pp 470-473.

Sci Mus Lib Tr 57/2826

Sci - Geophysics
Mar 58

60,830

81
Some Results of the Investigation of Black Sea
Interstitial Water, by O. V. Shishkina, 15 pp.
RUSSIAN, per, Trudy Inst Okeanologii, Vol 34,
1962, pp 47-57.

Dept of Interior

BCF/OFF

A-37-March 1970-No 17

On Loan

O. V. Shishkina

Sci-Ear Sci

June 70

64
Some Results of the Investigation of Black Sea
Interstitial Water, by O. V. Shishkina.
RUSSIAN, per, Trudy ANSNER, Inst Oceanology,
Vol 54, 1962, pp 47-57.
HTC-69-16184-083

O. V. Shishkina

Sci-Mar Sci
Feb 70

402,958

208
Some Results of the Investigation of Black
Sea Interstitial Water, by O. V. Shishkina.
RUSSIAN, per, Trudy Inst Okean, Vol 54,
1962, pp 47-57.
Dept of Navy/NDO TRANS 354

O.V. SHISHKINA

Sci-Ear Sci
Aug 69

388,684

Chloride-Sodium-calcium Waters in the Quaternary
Deposits of the Black Sea, by O. V. Shishkina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
2, Jul/Dec 1977, p 259.

Consultants Bureau

Sci - Chem
Aug 58

69, 316

Ooze waters of the Pacific Ocean and Adjoining
Seas, by O. V. Shishakina, 6 pp.

RUSSIAN, thrice-a~~mo~~ per, Dok Ak Nauk SSSR, Vol CXII,
No 3, pp 470-473

Consultants Bureau

Sci - Geophysics

Mar 58

60,673

The Processes Occurring in Dolomite When It is
Calcined in the 400-1100° Range and Its Use in the
Production of Binding Material, by V. I. Shishkina,
A. I. Avgustinik, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXIV, No 3, Mar
1951.

Consultants Bureau

12,367

Scientific - Chemistry

Synthesis and Reactions of 3-Nitro-and 3-Amino-9-Cyanoethylcarbazole, by, M.K.Murshtein, V.I. Shishkova et al, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 3, 1963, pp 644-648.

CB

Sci

May 64

258,402

(NY-6708)

Functional Changes in Patient With Polycythemia During Treatment With Radioactive Phosphorus, by V. V. Shishkina, 12 pp.

RUSSIAN, per, Medit Radiol, Vol VI, No 3, 1961, pp 3-.

JPRS 11242

Sci - Med
Dec 61

177,472